

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105064.D
 Acq On : 3 May 2018 6:55
 Operator : JU/SJ
 Sample : J2684-10
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 043018-DBRI-E-U-S

Quant Time: May 03 09:04:19 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	87202	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	350046	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	147736	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	241861	20.00	ng	0.00
75) Chrysene-d12	14.03	240	207750	20.00	ng	0.00
86) Perylene-d12	15.61	264	162819	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	218939	38.39	ng	0.00
7) Phenol-d6	6.42	99	159794	22.80	ng	-0.02
23) Nitrobenzene-d5	7.36	82	510487	95.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	130732	85.31	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	918611	98.23	ng	0.00
78) Terphenyl-d14	12.92	244	811281	89.03	ng	0.00

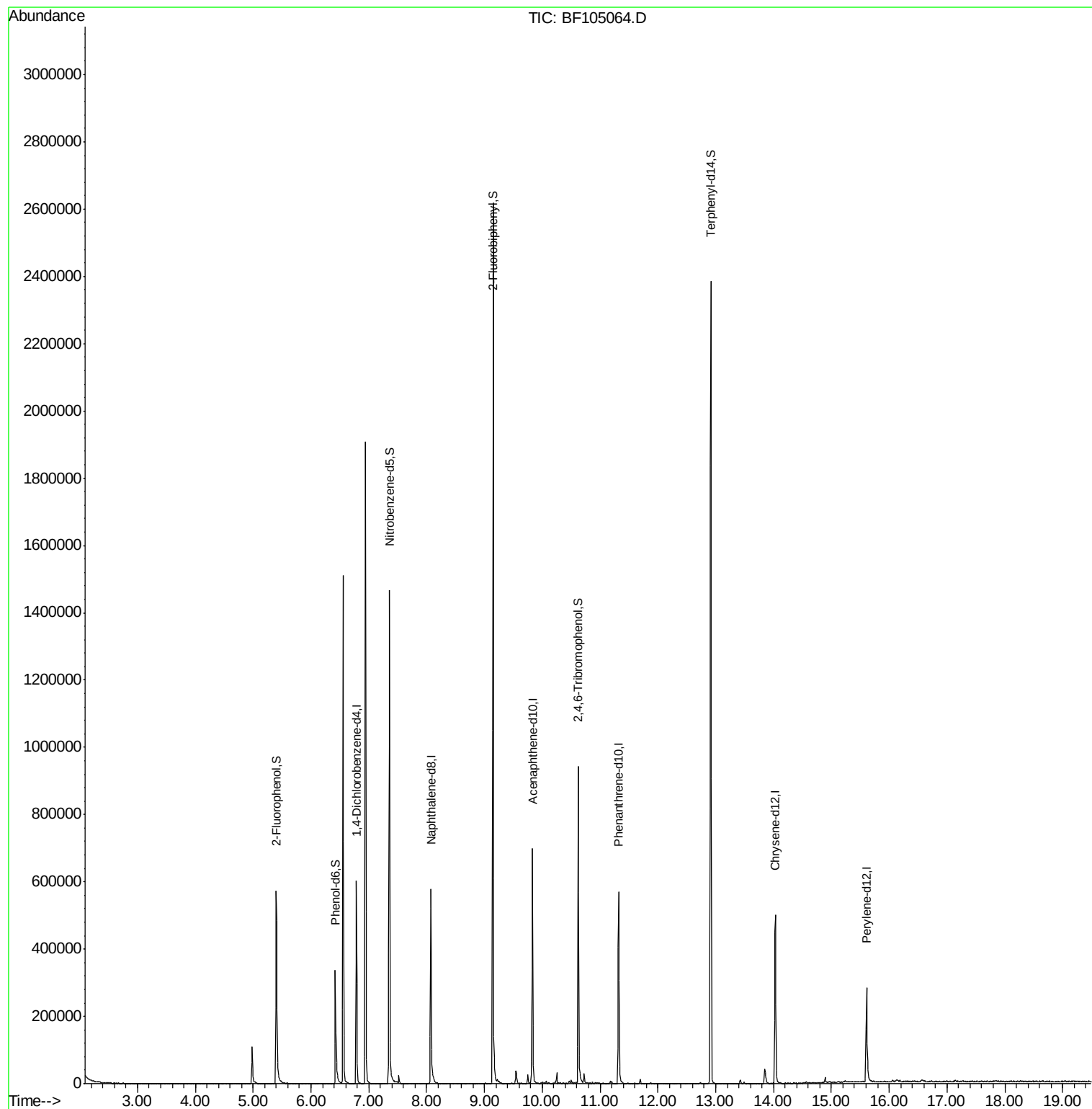
Target Compounds Qvalue

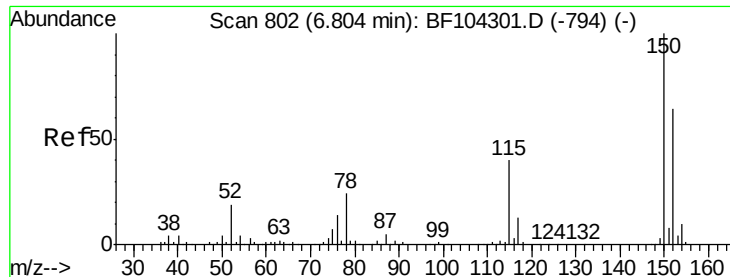
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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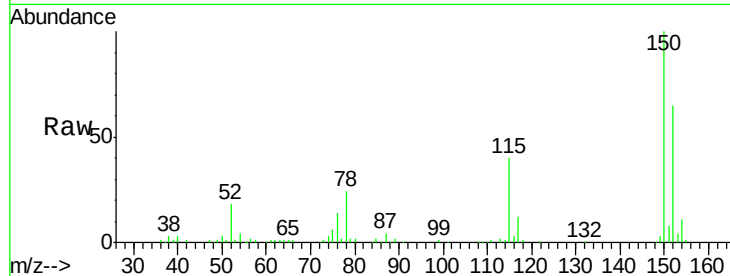


#1

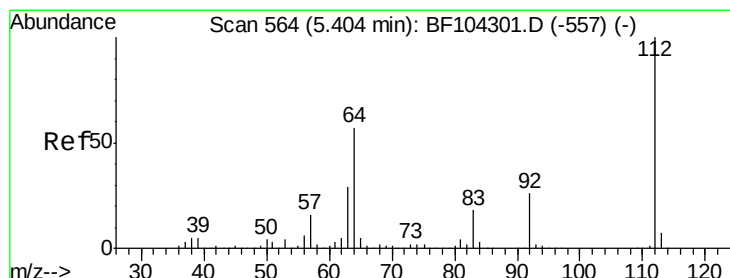
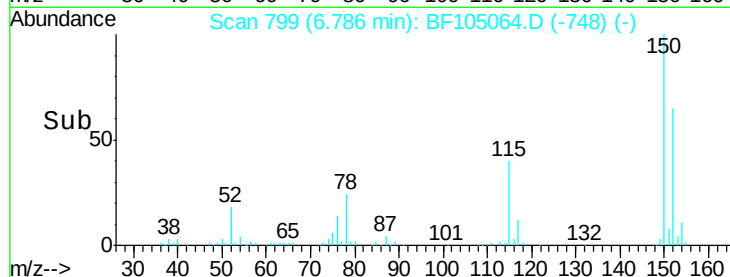
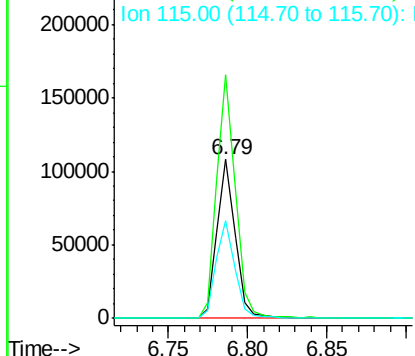
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF105064.D
 Acq: 3 May 2018 6:55

Instrument :
 BNA_F
 ClientSampleId :
 043018-DBRI-E-U-S

Tot Ion:152 Resp: 87202
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.6 186.8
 115 61.5 50.1 75.1



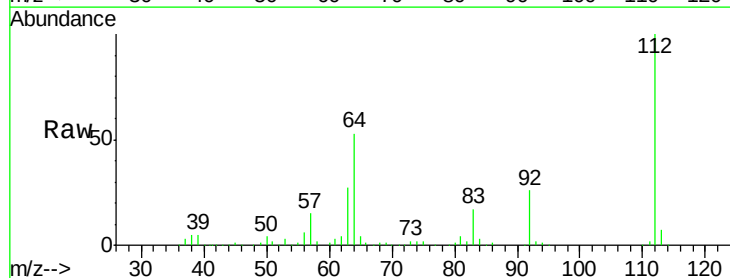
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



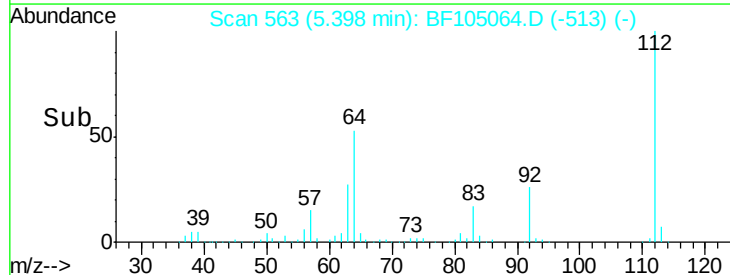
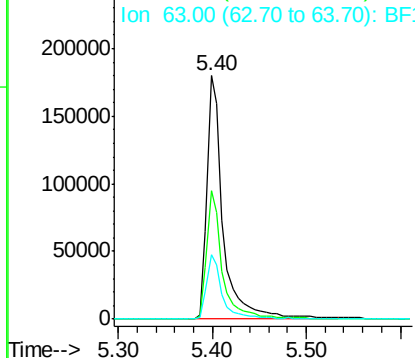
#5

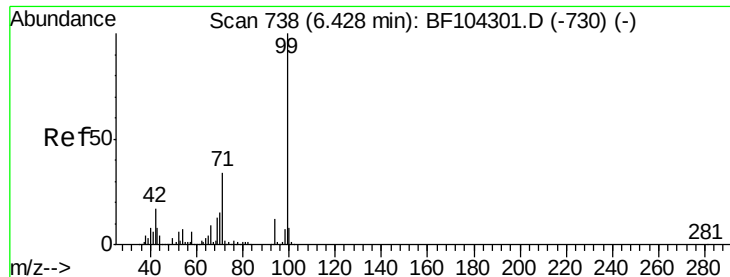
2-Fluorophenol
 Concen: 38.390 ng
 RT: 5.40 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF105064.D
 Acq: 3 May 2018 6:55

Tgt Ion:112 Resp: 218939
 Ion Ratio Lower Upper
 112 100
 64 52.7 47.9 71.9
 63 26.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 22.804 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF105064.D

Acq: 3 May 2018 6:55

Instrument :

BNA_F

ClientSampleId :

043018-DBRI-E-U-S

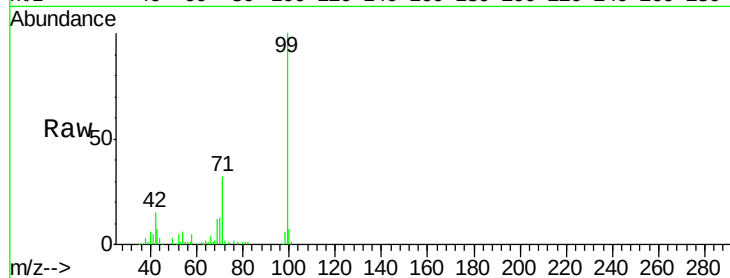
Tot Ion: 99 Resp: 159794

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

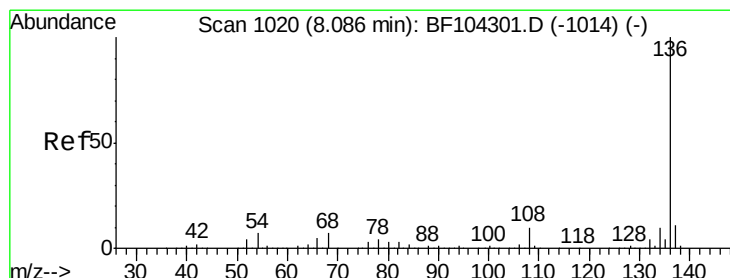
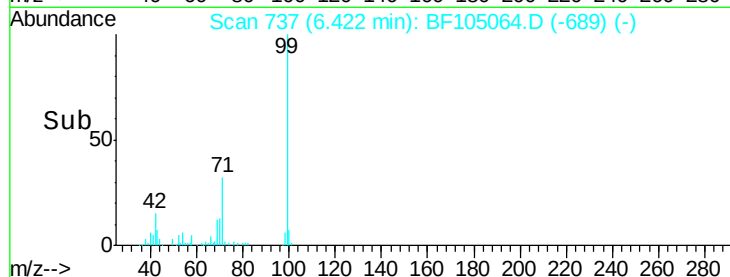
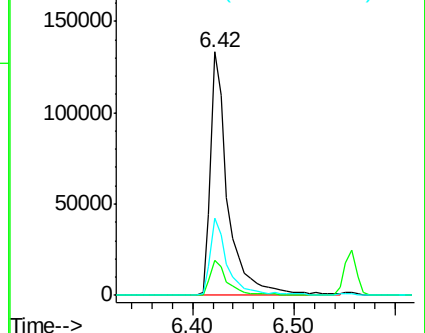
71 31.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF105064.D

Acq: 3 May 2018 6:55

Tgt Ion: 136 Resp: 350046

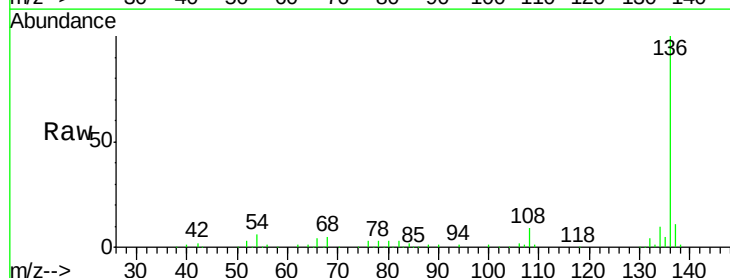
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 5.6 6.6 9.8#

68 5.0 5.0 7.4

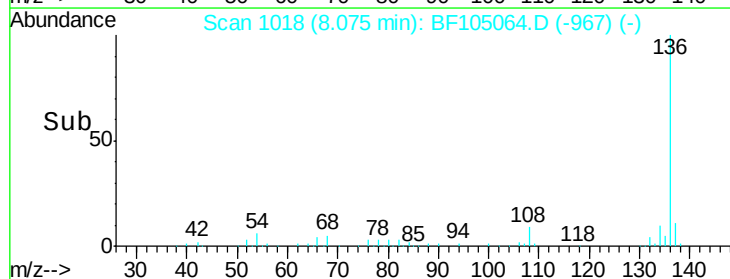
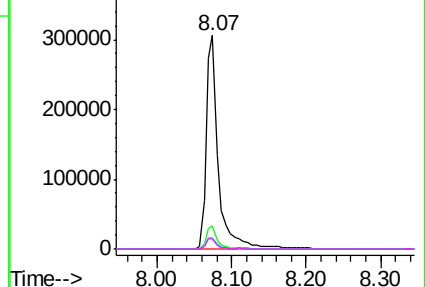


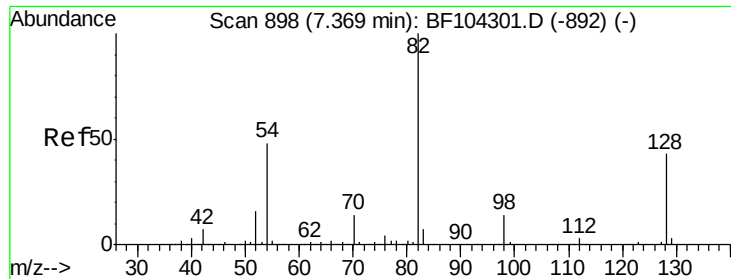
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

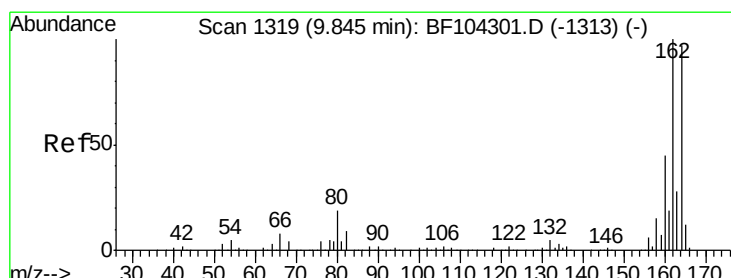
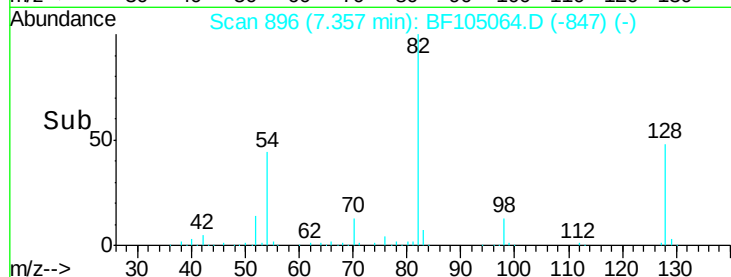
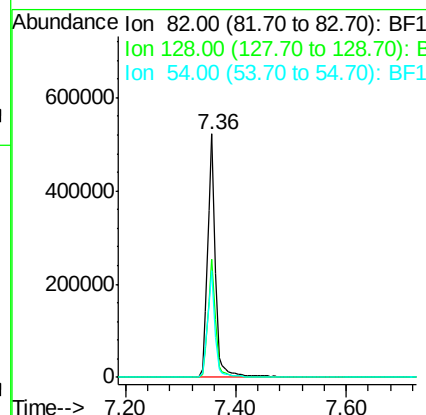
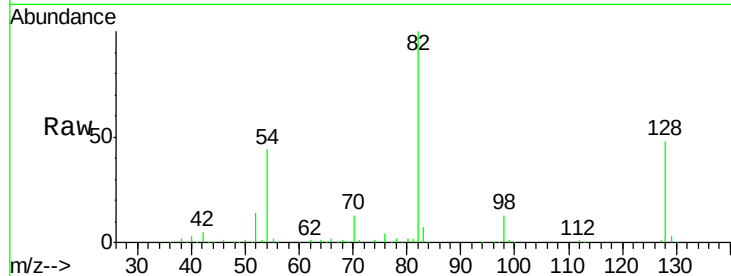




#23
 Nitrobenzene-d5
 Concen: 95.227 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF105064.D
 Acq: 3 May 2018 6:55

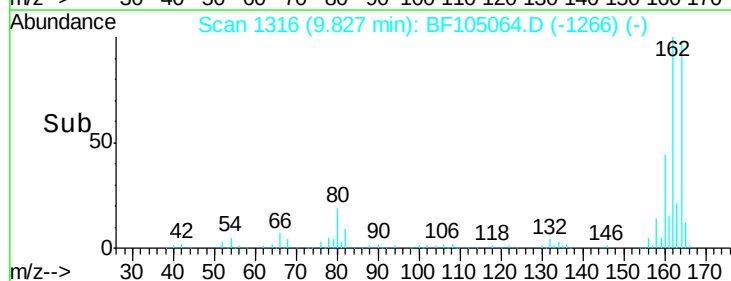
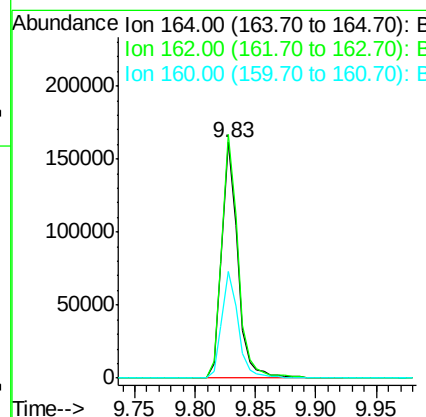
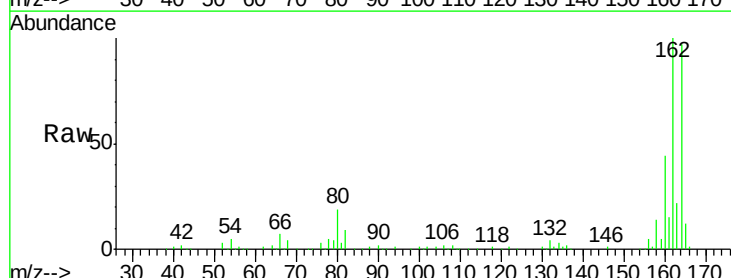
Instrument :
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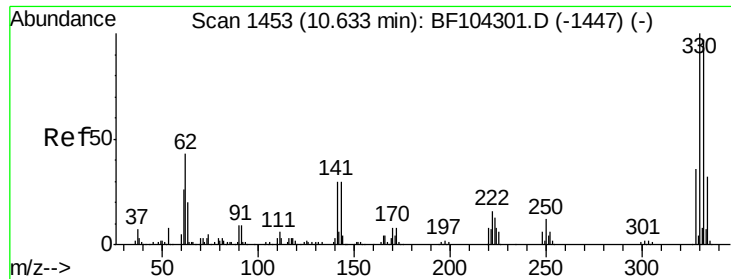
Tot Ion	82	Resp	510487
Ion Ratio	100	Lower	Upper
128	48.5	36.1	54.1
54	43.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF105064.D
 Acq: 3 May 2018 6:55

Tgt Ion	164	Resp	147736
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.3	86.1	129.1
160	45.4	38.3	57.5

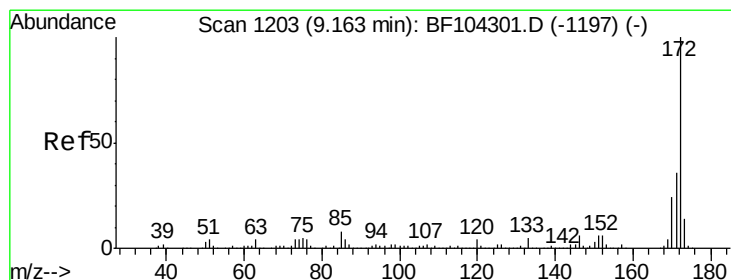
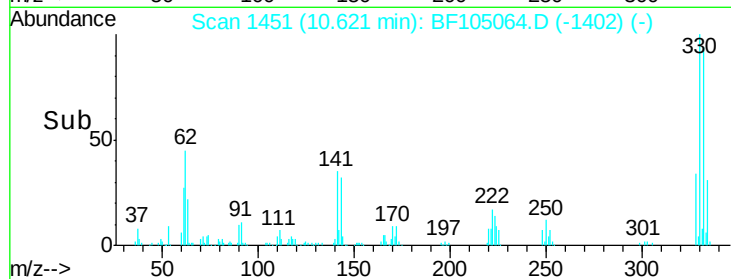
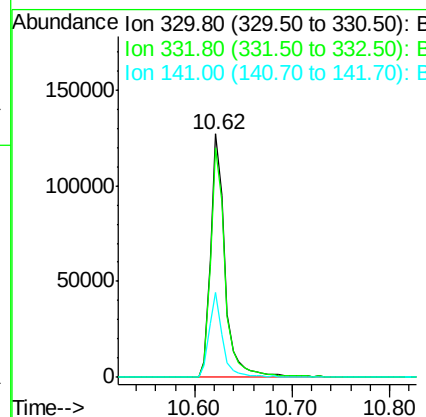
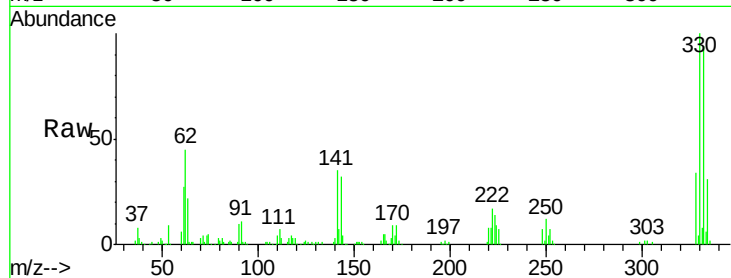




#41
 2,4,6-Tribromophenol
 Concen: 85.306 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105064.D
 Acq: 3 May 2018 6:55

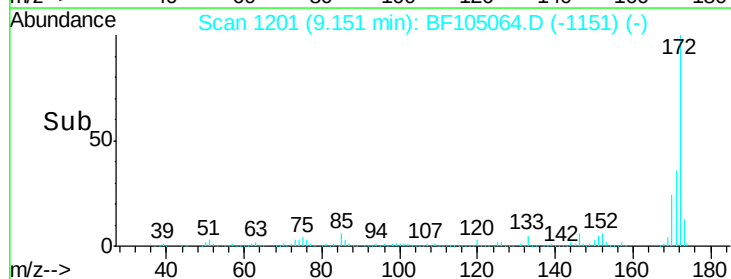
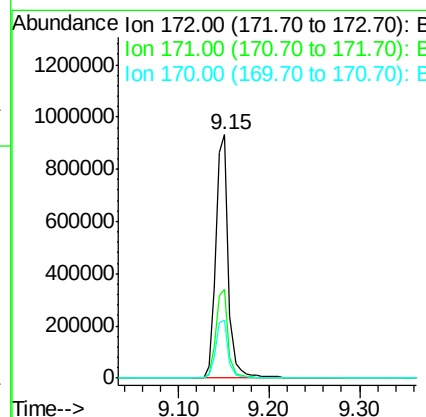
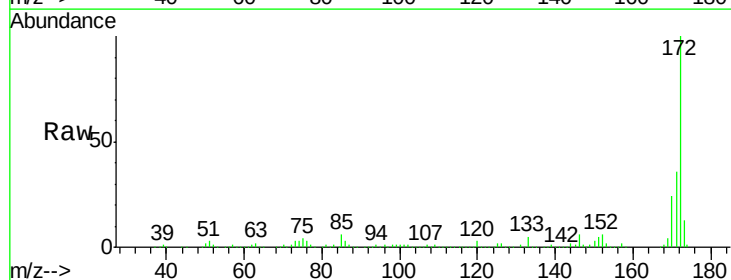
Instrument :
 BNA_F
 ClientSampleId :
 043018-DBRI-E-U-S

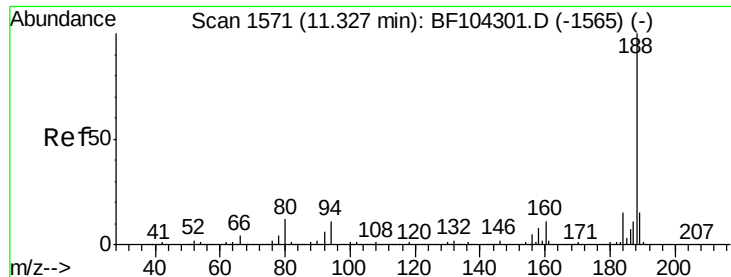
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	32.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 98.228 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105064.D
 Acq: 3 May 2018 6:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4

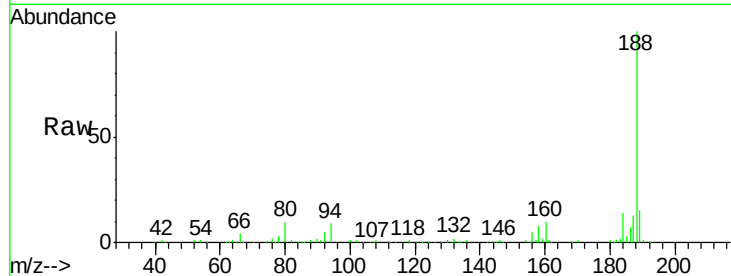




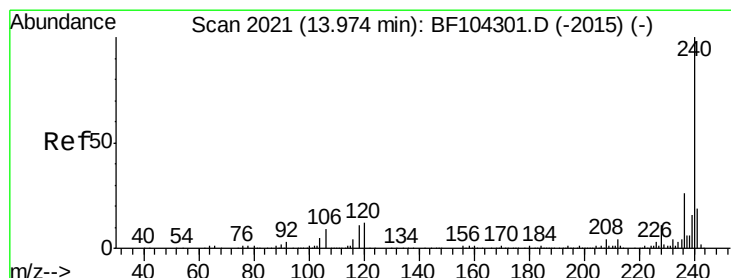
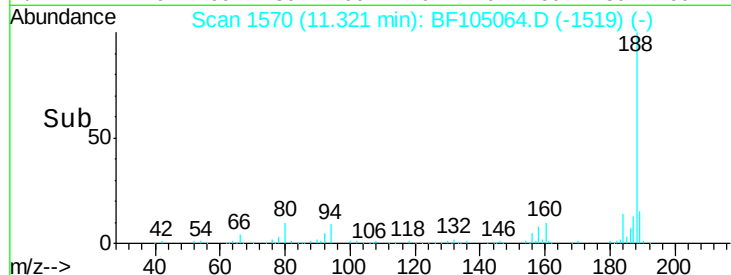
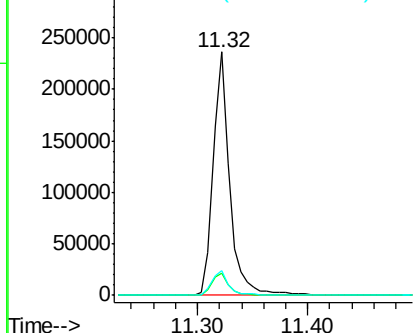
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105064.D
Acq: 3 May 2018 6:55

Instrument :
BNA_F
ClientSampleId :
043018-DBRI-E-U-S

Tot Ion:188 Resp: 241861
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 10.0 9.2 13.8

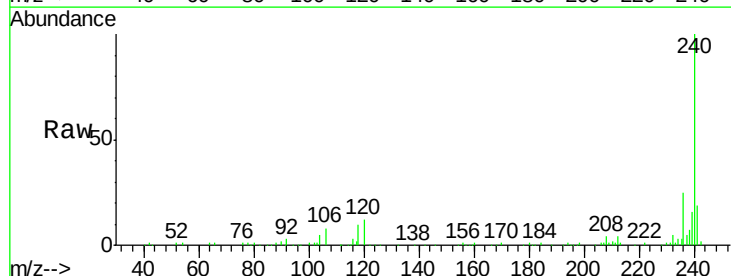


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

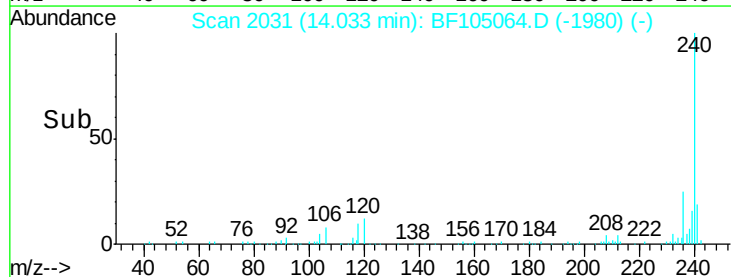
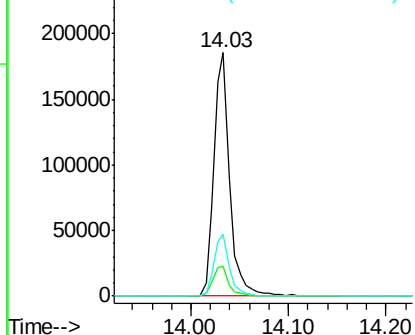


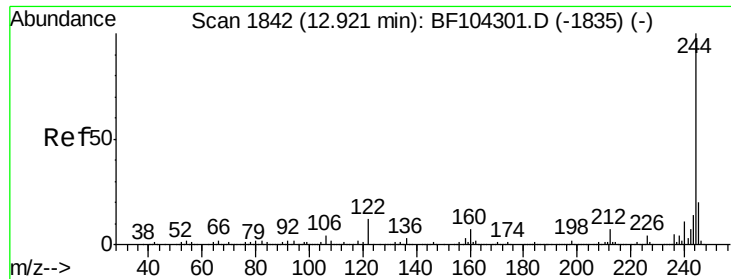
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF105064.D
Acq: 3 May 2018 6:55

Tgt Ion:240 Resp: 207750
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.029 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF105064.D

Acq: 3 May 2018 6:55

Instrument :

BNA_F

ClientSampleId :

043018-DBRI-E-U-S

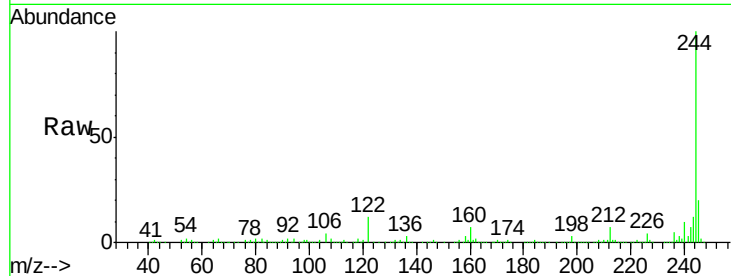
Tot Ion:244 Resp: 811281

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

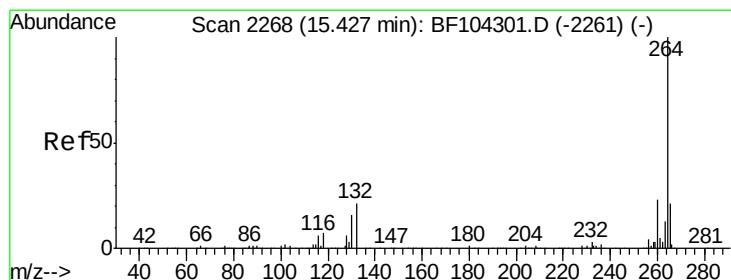
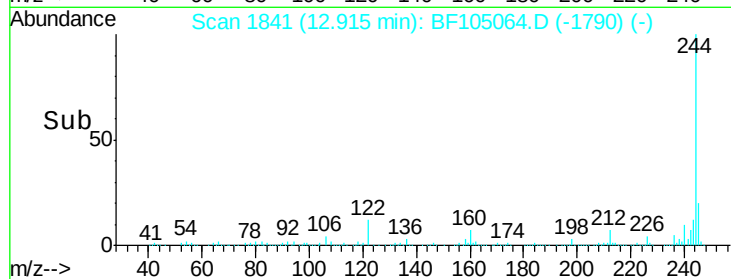
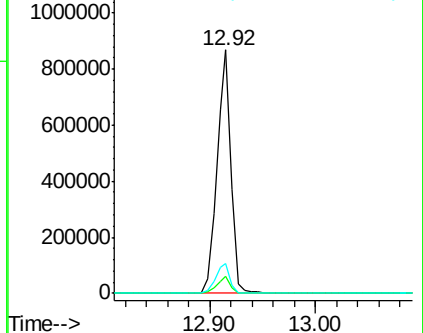
122 12.2 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.61 min Scan# 2299

Delta R.T. 0.02 min

Lab File: BF105064.D

Acq: 3 May 2018 6:55

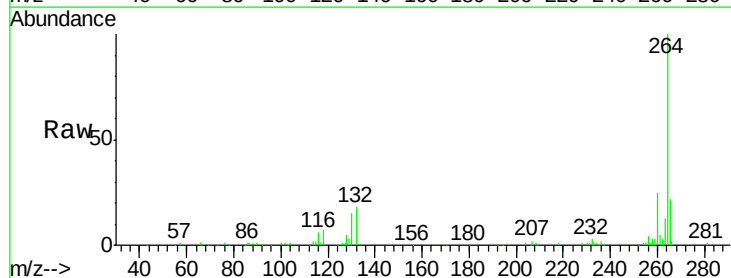
Tgt Ion:264 Resp: 162819

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 22.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

